



Internal Charges for Equipment in the Missouri Protoplex Center for Advanced Manufacturing

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The Missouri Protoplex Center for Advanced Manufacturing (CAM) has a growing portfolio of manufacturing equipment that is available for use by Missouri S&T faculty, staff, and students. For internal users, i.e., those users who pay via a Missouri S&T MOCODE, the equipment use charges are based on the cost occurred by the CAM and are in accordance with University Policy and Office of Management and Budget (OMB) Circular A-21, "Cost Principles for Education Institutions". Internal users are charged for supplies, equipment depreciation, and operator salary via a pre-arranged Non-University Use of University Equipment, Facilities, and Resources Contract.]

Missouri S&T faculty/staff/students wanting to use this equipment should contact the persons listed below. Special scheduling arrangements can often be made to fit unique circumstances.

<u>Equipment</u>	<u>Point of Contact for Scheduling</u>
Sodick Wire EDM	Bradley Deuser (Ext. 4661)
Impossible Objects CBAM	Elias Snider (Ext. 4661)
IO Clemco Pulsar 55-S Media Blaster	Elias Snider (Ext. 4661)
IO 30-Ton Heated Compression Press	Elias Snider (Ext. 4661)
Spee3D Cold Spray 3D Printer	Bradley Deuser (Ext. 4661)
Alpha Laser Micro Welder	Elias Snider (Ext 6767)
Induction Rod Casting Furnace	Katie Kiser (kekmkq@mst.edu)
Wire Drawing Equipment	Katie Kiser (kekmkq@mst.edu)
Wire Rolling Press with Induction	Katie Kiser (kekmkq@mst.edu)

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Charges Billed to MOCode Account

I.	Sodick Wire EDM	
1.	Internal Use Rate	\$106.61/hr
2.	Internal Use Rate for Unassisted User	\$26.05/hr
II.	Impossible Objects CBAM2 Printing System	
1.	Internal Use Rate	\$111.00/hr
2.	Internal Use Rate for Unassisted User	\$57.08/hr
III.	IO Clemco Pulsar 55-S Media Blaster	
1.	Internal Use Rate	\$69.38/hr
2.	Internal Use Rate for Unassisted User	\$15.46/hr
IV.	30-Ton Heated Compression Press	
1.	Internal Use Rate	\$125.47/hr
2.	Internal Use Rate for Unassisted User	\$71.55/hr
V.	Spee3D Cold Spray 3D Printer	
1.	Internal Use Rate	\$186.60/hr
2.	Internal Use Rate for Unassisted User	\$104.00/hr
VI.	Alpha Laser Micro Welder	
1.	Internal Use Rate	\$77.10/hr
2.	Internal Use Rate for Unassisted User	\$22.32/hr
VII.	Induction Rod Casting Furnace	
1.	Internal Use Rate	\$166.11/hr
2.	Internal Use Rate for Unassisted User	\$92.00/hr
VIII.	Wire Drawing Equipment	
1.	Internal Use Rate	\$125.74/hr
2.	Internal Use Rate for Unassisted User	\$52.40/hr
IX.	Wire Rolling Press with Induction	
1.	Internal Use Rate	\$129.59/hr
2.	Internal Use Rate for Unassisted User	\$55.47/hr